Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 02 Dec 2023 until 23:59 on Sunday 03 Dec 2023

Forecast Issued on Friday 01 Dec 2023 at 16:48

Confidence: High for cold through the weekend but lower for cloud details and much lower for details from Monday, due to continuing uncertainty over movement of a low, currently expected to move east along the English Channel, and the eventual change to milder conditions.

Headline for Saturday 02 Dec 2023: Mainly sunny in north and east. Snow showers in south and west

Mountain weather hazards on Saturday 02 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Partly cloudy (night)	Sunny intervals	Light snow showers	Light snow showers	Light snow showers (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	20%	30%	30%	40%	20%

Forecast for Saturday 02 Dec 2023

Weather: Dry and clear through the early hours, although cloud in western parts increasing towards dawn, with a widespread frost and low level freezing fog patches. Then a bright day with, especially in the north and east, long sunny spells with freezing fog patches slowly clearing, however western and southern fells will become cloudier through the morning with snow showers developing. The showers largely die out through the evening to leave clear spells.

Chance of cloud-free hill tops above 800m: Around 90% in north and east but becoming 40% in south and west through the morning.

Low cloud and visibility: Little or no cloud below the summits at first, and more generally across northern and eastern fells, but occasional or periods of cloud developing above about 600m across southern and western fells through the morning. Away from cloud visibility very good with, especially for northern and eastern fells, some decent panoramic views of surrounding fells and lakes, falling to around a kilometre in snow showers and just a few hundred metres in any low level freezing fog.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 02 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	9/11 SE	10/12 SE	12/15 SE	15/19 SE	17/22 S	13/17 SE	13/17 SE	12/16 SE	12/16 SE
600	9/11 S	10/13 S	11/15 S	14/18 S	15/20 S	11/14 S	11/15 SE	10/14 SE	9/13 SE
300	4/8 S	5/9 S	5/10 SE	5/11 S	6/13 S	5/11 S	5/11 SE	5/10 SE	4/9 SE
Valley	3/8 E	3/9 E	5/11 E	5/13 E	5/13 SE	5/11 SE	6/12 SE	5/11 SE	4/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-10	-4/-10	-4/-10	-4/-10	-3/-10	-4/-10	-4/-10	-4/-10	-4/-10
600	-3/-8	-2/-8	-2/-8	-2/-8	-2/-8	-2/-7	-2/-7	-2/-7	-2/-7
300	-2/-5	-2/-5	-2/-5	-1/-4	0/-3	-0/-3	-1/-4	-1/-4	-1/-3
Valley	-1/-3	-0/-3	0/-2	1/-2	1/-1	2/-1	1/-2	1/-2	1/-1
Freezing Level*	00m	00m	100m	100m	200m	300m	200m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around minus 5 or 6 Celsius at dawn, especially in east. Cold at all levels despite the sunshine.

Forecast for Sunday 03 Dec 2023

Weather: A few snow showers continue across western fells through the early hours and at first on Sunday, otherwise a dry and bright day with some sunny spells.

Maximum wind: Easterly or southeasterly around 10mph, increasing a little through the evening.

Chance of cloud-free hill tops above 800m: Around 60%

Low cloud and visibility: Occasional or periods of cloud above 600-750m. Away from cloud, visibility mainly very good.

Temperature: **Valleys:** Around minus 3 or 4 Celsius at dawn rising to plus 3 or 4 Celsius by day
At 800m: Around minus 4 Celsius
Freezing level: 300m or less.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 1 December 2023 Location: Helvellyn summit at 1002 Full report: Welcome back to our first fell top conditions report of the 2023/24 and what an amazing day to start the forthcoming winter season! A beautiful blue sky day in Lakeland fells with plenty of low winter sunshine and very light winds. A temperature inversion meant that colder air was present in the valley bottoms today and it became warmer with height (-7ºC in Swirls carpark compared to a summit temperature just above freezing point). The Lakeland fells have a very light and cosmetic dusting of snow which has accumulated to roughly ankle depth in small drifts above 850m, however, the majority of the white stuff is rime ice rather than snow. With subzero temperatures down to low elevations there is ice present on and adjacent to many paths, particularly around any drainage lines. With low pressure sitting over the Irish sea, there may be some additional snow over the weekend with the potential for significantly reduced visibility in any snow showers. The very cold and dry ground conditions mean that paths may become covered in snow quickly and difficult to follow. Anyone heading out into the higher fells should expect challenging conditions and be suitably equipped. Warm and waterproof clothing (plus spare warm layers), hats and gloves, a map, compass, and headtorch are all essential. Goggles may also be very useful for navigation in challenging conditions. Microspikes are very useful in the current conditions, and with any additional snow accumulations, crampons and an ice axe may be required on any steep and exposed routes. Temperature: plus 0.5 C, Maximum wind speed 4.3 mph, Wind chill:Plus 0.5 C, Average wind speed: 1.8 mph

Issued at: 1648 on Fri 01 Dec 2023

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